

# THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO 81321

January 29, 1980

Mr. James Sims  
District Engineer  
U. S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico 87401

Re: Surface Use Development Plan  
Proposed Well  
Sentinel Peak #27-32  
3570' FWL, 2030' FNL  
Section 27, T41S, R26E  
San Juan County, Utah

Dear Mr. Sims:

The "Surface Use Development Plan" for the proposed Superior's Sentinel Peak #27-32 is as follows:

1. The existing roads and the location of the off road exists are shown on the attached road and pipeline plat.
2. A new 1000' X 20' access road will be required as shown on the attached Plat. The proposed road will run east to the location and will be of compacted sand and gravel with a maximum grade of 3%. The road will be constructed so as to provide for adequate drainage. No major cuts or fills are anticipated.
3. The location and status of wells in the vicinity are shown on the attached road and pipeline plat.
4. The location of any production facilities, flow lines and lateral roads in the vicinity of the proposed well are shown on the attached plat. The 2" flow line from the proposed well will run 400' west to a new tank battery, the area of the tank battery being approximately 100' X 300' where the oil, gas and water will be separated. If the new production facilities are required, a detailed building plan will be submitted for approval.
5. Water for drilling operations will be obtained from the San Juan River.
6. Materials necessary for the construction of the access road and drilling pad will be obtained from the location. No access roads for the purpose of hauling materials will be necessary.

(2)

7. Waste materials will be collected in earth pits. The perimeter of these pits will be fenced with small mesh wire. When drilling operations are complete these earth pits will be backfilled and leveled to the contour of the original landscape. Small portable trailer houses for the company and contract drilling personnel may be on the location. A sufficient number of OSHA approved chemical toilets will be provided and maintained.
8. The location and position of drilling equipment is shown on the attached plat. Included on this plat is a cross section diagram showing cuts and fills necessary for the construction of the drilling pad. The drilling pad will be located approximately at ground level. Materials at the location will be used for elevation of the pad.
9. Surface land is owned by the Navajo Tribe and is used primarily for grazing. Vegetation consists of sparse desert type ground cover and Tamarisks. There are no Indian habitations or artifacts in the immediate vicinity of the proposed drillsite, access road, flow line, construction and material site or road used in transportation of material.

Very truly yours,

THE SUPERIOR OIL COMPANY

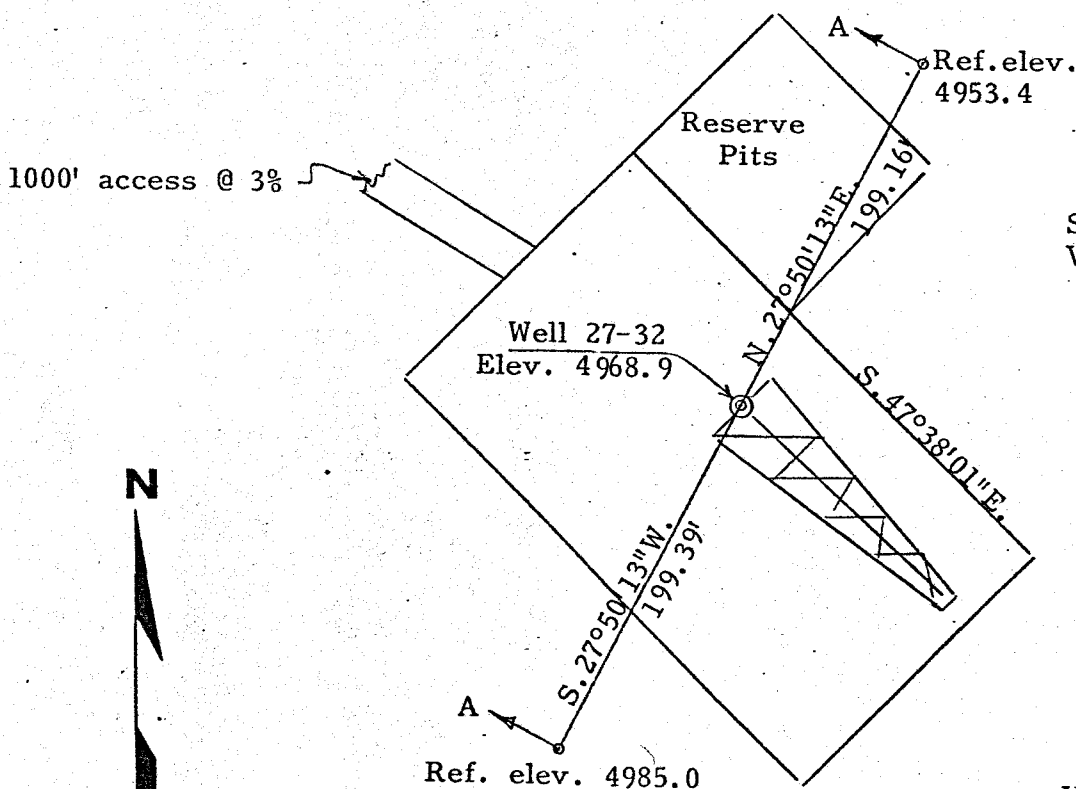
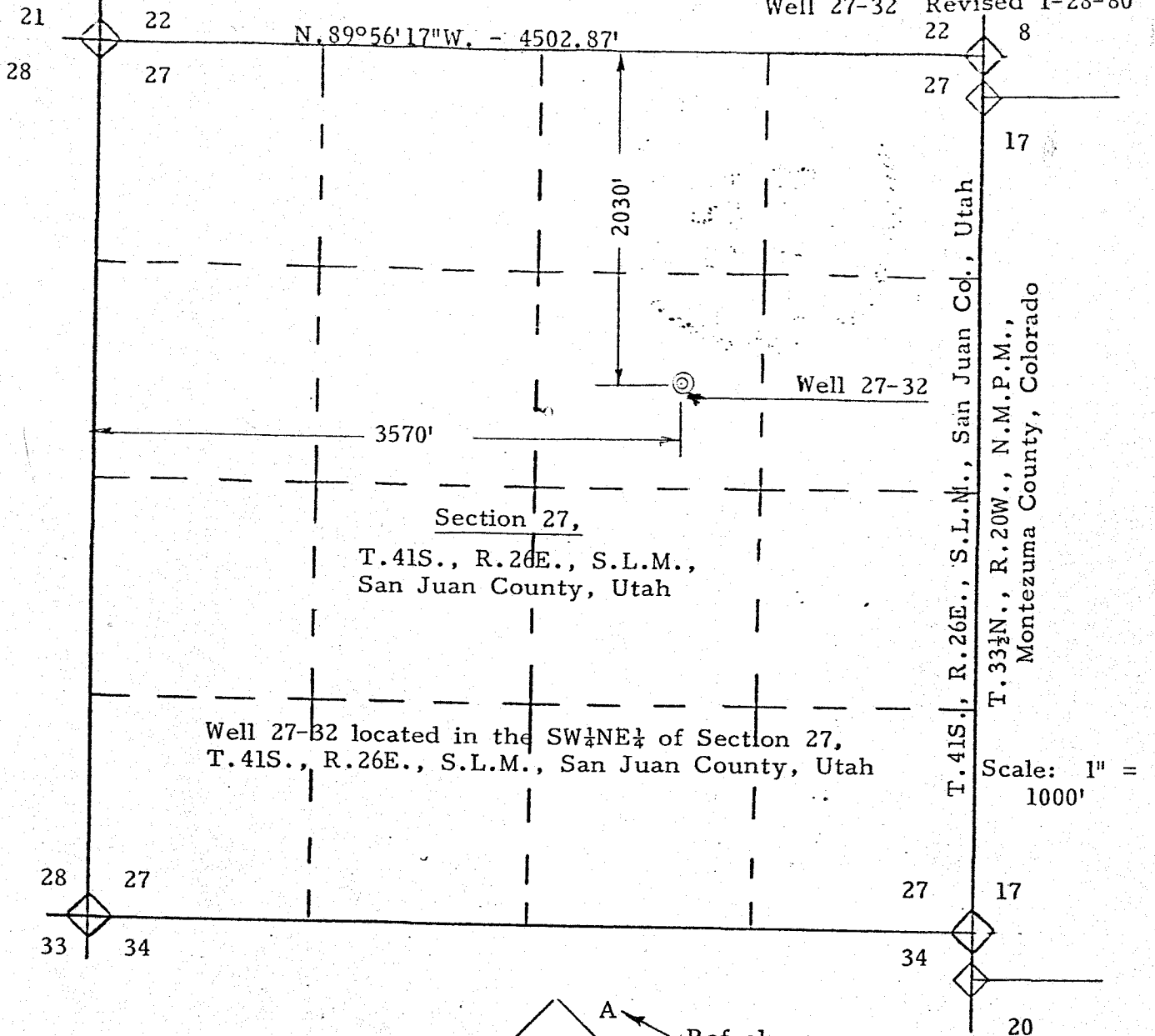
*James R. Oberlander*

James R. Oberlander

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by THE SUPERIOR OIL COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

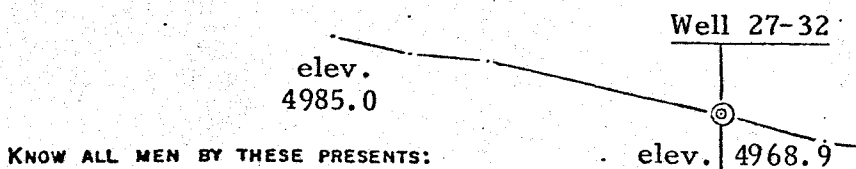
Jan 30 - '80  
Date

*Wm. H. Edwards*  
Wm. H. Edwards  
Area Production Superintendent



Soil: Rocky with clay.  
Vegetation: Sage brush.

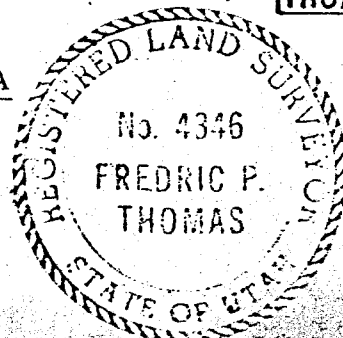
Vertical scale: 1" = 50'  
Horizontal scale: 1" = 100'



KNOW ALL MEN BY THESE PRESENTS:  
THAT I, FREDRIC P. THOMAS  
do hereby certify that I prepared this plat from an  
actual and accurate survey of the land and that the  
same is true and correct to the best of my knowledge  
and belief.

*Fredric P. Thomas*  
FREDRIC P. THOMAS  
Reg. L.S. and P.E.  
Colo. Reg. No. 6728  
Utah Reg. No. 4346

Bearing by  
Solar  
observation



**THOMAS** Engineering Inc.

215 N. Linden  
Cortez, Colorado  
565-4496

# THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO 81321

January 30, 1980

Mr. Mike Minder  
Geological Engineer  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Sentinel Peak #27-32  
3570' FWL, 2030' FN1  
Section 27, T41S, R26E SLM  
San Juan County, Utah

Dear Mr. Minder:

Superior Oil Company controls all oil and gas mineral rights within a 660' radius of the reference well. Superior Oil is designated as operator of Section 27, T41S, R26E from Duncan Oil Company.

Very truly yours,

THE SUPERIOR OIL COMPANY



Wm. H. Edwards  
Area Production Superintendent

JRO/1h

cc: USGS, Farmington

**RECEIVED**

FEB 01 1980

DIVISION OF  
OIL, GAS & MINING

# THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO 81321

January 30, 1980

Mr. Mike Minder  
Geological Engineer  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Sentinel Peak #27-32  
3570' FWL, 2030' FNL  
Section 27, T41S, R26E SLM  
San Juan County, Utah

Dear Mr. Minder:

Enclosed is Superior Oil's Application for Permit to Drill for the above referenced oil well. This well is staked on an unorthodox location in accordance with Rule C-3 (c), General Rules and Regulations and Rules of Practice and Procedure. Our Denver exploration office is writing a letter requesting an exception to this rule, but will not be enclosed with the permit. We will forward a Designation of Operator copy from Duncan Oil Company as soon as this office receives one.

Your cooperation in this matter is appreciated.

Very truly yours,

THE SUPERIOR OIL COMPANY



Wm. H. Edwards  
Area Production Superintendent

JRO/lh

cc: USGS, Farmington

**RECEIVED**

FEB 01 1980

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

SUPERIOR OIL COMPANY

## 3. ADDRESS OF OPERATOR

P. O. DRAWER 'G', CORTEZ, COLORADO 81321

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

3570' FWL, 2030' FNL

At proposed prod. zone

Same as surface

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

7.5 Miles E-SE of Aneth, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

933' E

## 16. NO. OF ACRES IN LEASE

546.4

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

3400' NW

## 19. PROPOSED DEPTH

7500'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4969' Ungraded Ground Level

## 22. APPROX. DATE WORK WILL START\*

Feb. 20, 1980

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48# H-40	100'	150 sx
14-3/4"	10-3/4"	40.5# J-55	1723'	1100 sx
9-7/8"	7-5/8"	26.4# J-55	5990'	250 sx
7-7/8"	5"	18# N-80	5900-7500'	1000 sx

1. Drill 17-1/2" hole to 100'. Set 13-3/8" casing to 100' and cement to surface w/150 sx.
2. Drill 14-3/4" hole to 1723', 30' into Chinle. Set 10-3/4" casing to 1723' and cement to surface with 1100 sx. NU BOP.
3. Drill 9-7/8" hole through Desert Creek zone and 25' into Chimney Rock Shale to approximately 5990', with fresh water mud system.
4. Log well. Set 7-5/8" casing at 5990' and cement with 250 sx. Switch to salt base mud system.
5. Drill 7-7/8" hole to 7500', 200' into the top of the Mississippian formation.
6. Log well. Test for CO<sub>2</sub> productivity.
7. Set 5" liner top at 5950', to 7500' and cement with 1000 sx or circulate to bottom of 7-5/8" casing shoe.
8. Perforate Ismay or Desert Creek and stimulate based on log evaluation.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true-vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

J. R. Oberlander  
J. R. Oberlander

TITLE

Engineer

(This space for Federal or State office use)

PERMIT NO.

43-037-30537

APPROVAL DATE

January 22, 1980  
FEB 01 1980

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF  
OIL, GAS & MINING

JR0/1h

Orig + 3 - USGS, State - 2, Navajo Tribe, T. W. Cooley, Duncan Oil, Central File - Conroe, Ho  
Cortez, REG. Group

SUPPLEMENT TO FORM 9-331C

WELL: Sentinel Peak #27-32

ELEVATION: 4969' Ungraded Ground Level

SURFACE FORMATION WHERE DRILLING IS TO TAKE PLACE: Dakota

ESTIMATED FORMATION TOPS: (Measured from KB approximately 4981')

Chinle	1690'
DeChelly	2823'
Ismay	5708'
Gothic Shale	5833'
Desert Creek	5873'
Chimney Rock	5973'
Paradox Salt	6033'
Base Paradox Salt	6868'
Lower Hermosa	7070'
Moles	7185'
Mississippian	7303'
TD	7500'

WATER BEARING FORMATION: Water is expected to be encountered intermittently from 400' to 1690'.

HYDROCARBON BEARING FORMATION: Oil and gas are expected to be encountered intermittently from 5708' to 5973'.

SALT BEARING FORMATION: Salt is expected to be encountered from 6033' to 6868'.

CARBON DIOXIDE FORMATION: Carbon Dioxide is expected to be encountered from 7303' to 7500'.

MUD PROGRAM: Surface to 2000' - Fresh Water.

2000' to 5300' - Lignosulfonate or similar mud system;  
no water loss control weighted as necessary  
with Barite.

5300' to 5990' - Lignosulfonate or similar mud system; 15 cc  
water loss, weighted as necessary with Barite.

5990' to 7500' - Salt base mud system, 15 cc water loss,  
weighted to 11.2 ppg with Barite.

CEMENT PROGRAM:

- Conductor - Cement to surface with 150 sx Lite with Class 'B' containing 4% gel and 2% CaCl.
- Surface - Cement to surface with 1000 sx Lite w/10#/sx Gilsonite, followed w/100 sx Class 'B' with 2% CaCl at 15.6 ppg.
- Production - 250 sx Class 'B' w/5#/sk salt, 1/2#/sk Fix-set and .75% friction reducer. Preceed with 500 gal mud sweep.
- Liner - 1000 sx Class 'B' w/5#/sk salt, 1/2#/sk Fix-set and .75% friction reducer with salt contamination additive in first 500 sx.

LOGGING PROGRAM:

- 1st Set of Logs  
CNL-FDC, Sonic - 5990 to surface casing  
DIL, MSFL - 5990 to 4000'
- 2nd Set of Logs  
CNL-FDC, Sonic, DIL - 7500' to 5990'  
Velocity - 7500 to surface casing.

DRILL STEM TESTS:

- 1st Test  
Thru Desert Creek and Ismay interval.
- 2nd Test  
Thru Mississippian interval.

CORING:

Approximately 150' of core in Ismay/Desert Creek Interval.

PRESSURE CONTROLS:

Blowout preventer equipment will be 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled. The schematic of the pressure control equipment can be seen on the following page. The mud system will be monitored by visual inspection.

ANTICIPATED STARTING DATE: February 20, 1980 for 35 days.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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WELL ☐

OTHER

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ZONE ☒MULTIPLE  
ZONE ☐

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SUPERIOR OIL COMPANY

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P. O. DRAWER 'G', CORTEZ, COLORADO 81321

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OR APPLIED FOR, ON THIS LEASE, FT.

3400' NW

## 19. PROPOSED DEPTH

7500'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4969' Ungraded Ground Level

## 22. APPROX. DATE WORK WILL START\*

Feb. 20, 1980

## 23.

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## 24.

SIGNED

J. R. Oberlander  
J. R. Oberlander

TITLE

Engineer

DATE

1-29-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JRO/lh

Orig + 3 - USGS, State - 2, Navajo Tribe, T. W. Cooley, Duncan Oil, Central File - Conroe, Houston  
Cortez, REG. Group

**\*\* FILE NOTATIONS \*\***

DATE: February 1, 1980

Operator: The Superior Oil Company

Well No: Sentinel Peak #27-32

Location: Sec. 27 T. 41S R. 26E County: San Juan

File Prepared: ☐

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☐

☒ API Number 43-037-30537

CHECKED BY:

Geological Engineer: \_\_\_\_\_

\_\_\_\_\_

Petroleum Engineer: \_\_\_\_\_

\_\_\_\_\_

Director: OK for Geological exception. oral approval granted this date 2/21/80 letter on way. 7

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☒

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site ☒

Lease Designation Indian

Plotted on Map ☒

Approval Letter Written ☒

Wm

#2

hl

PI

SUPERVISOR, OIL AND GAS OPERATIONS:

## DESIGNATION OF OPERATOR

Indian Affairs  
Land Management

The undersigned is, on the records of the Bureau of ~~Land Management~~, holder of oil and gas lease

DISTRICT LAND OFFICE: Bureau of Indian Affairs, Navajo Area Office, Window Rock, Arizona  
SERIAL NO.: NOO-C-14-20-5118 86515

and hereby designates

NAME: The Superior Oil Company  
ADDRESS: 1860 Lincoln St., Suite 800  
Denver, Colorado 80295

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 41 South, Range 26 East, SLM  
Section 27: Lots 1, 2, 3, 4,  $W\frac{1}{2}E\frac{1}{2}$ ,  $W\frac{1}{2}$  - All (Frac.)

San Juan County, Utah

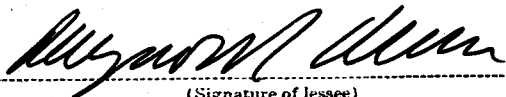
It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

January 8, 1980

(Date)

  
(Signature of lessee)  
Raymond T. Duncan  
1300 Writers' Center  
1720 South Bellaire Street  
Denver, Colorado 80222  
(Address)

**RECEIVED**

FEB 08 1980

**SUPERIOR OIL**

**RECEIVED**

FEB 21 1980

DIVISION OF  
February 19, 1980 OIL & GAS & MINING

Mr. Mike Minder  
Division of Oil and Gas  
State of Utah  
1588 West N. Temple  
Salt Lake City, Utah 84116

RE: Well Proposals: NT 34-33 and  
NT 27-32  
San Juan County, Utah

Dear Mr. Minder:

Our Cortez office has informed me the above wells will not meet the guidelines required by the State of Utah. The NT 34-33 is less than 1,000' from a producing well (owned by Superior/Duncan) and the NT 27-32 is less than the required distance from the  $\frac{1}{4}$  line.

An exemption is being requested so that the wells can be drilled on an existing seismic shotpoint. On February 8, 1980, I showed Mr. Feight and his assistant a map of the area based on seismic data and explained why any deviation from the seismic line would introduce a chance of failure.

If there are any other questions, please feel free to contact me. Thank you again for your cooperation.

Sincerely yours,

*R.P. Crist*

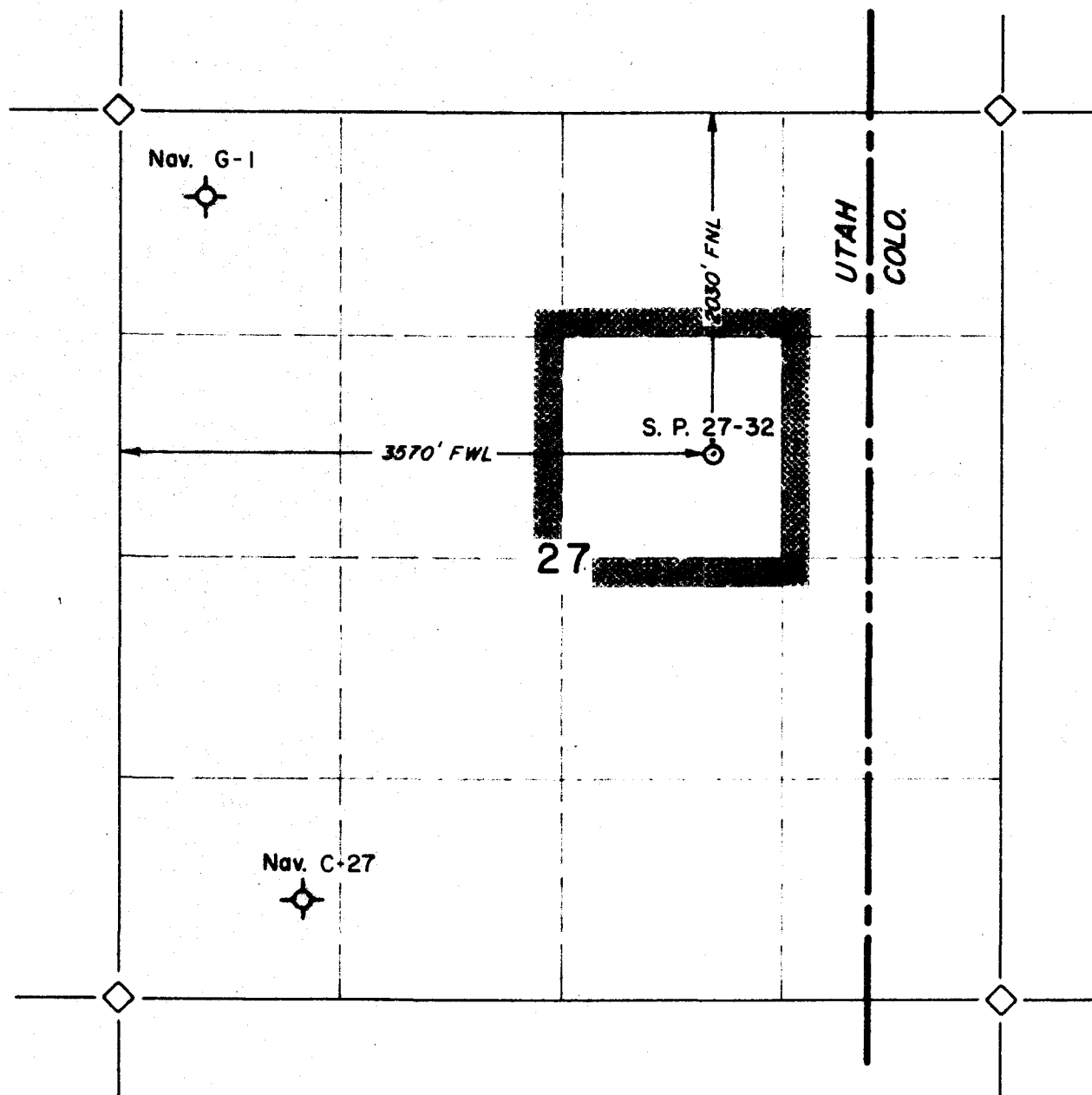
R. P. Crist  
Sr. Geophysicist

RPC/de  
cc: Jim Oberlunder - Cortez

# THE SUPERIOR OIL CO.

OPERATOR

Well No. S. P. 27-32



SW/NE SECTION 27, T.41S. - R.26E.

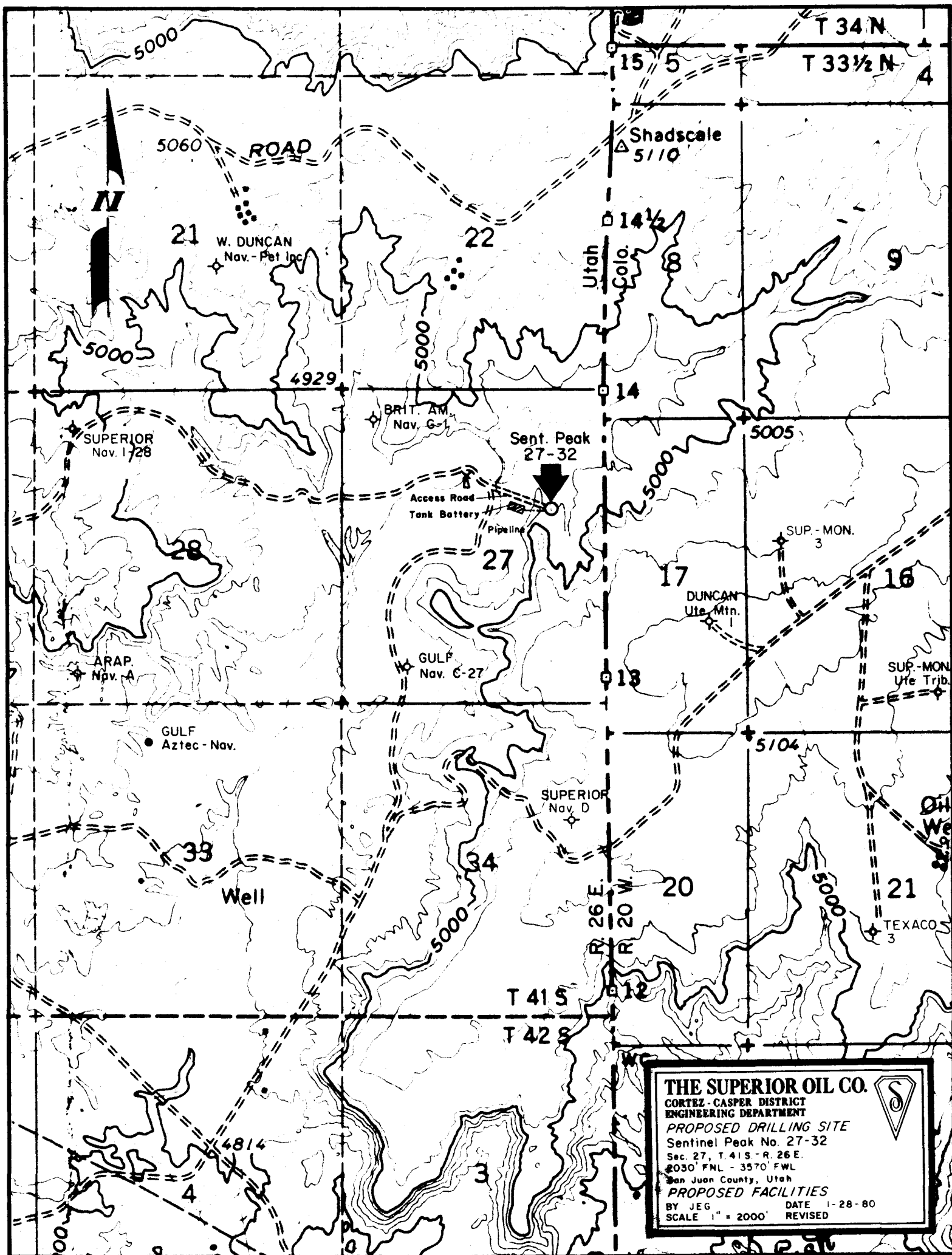


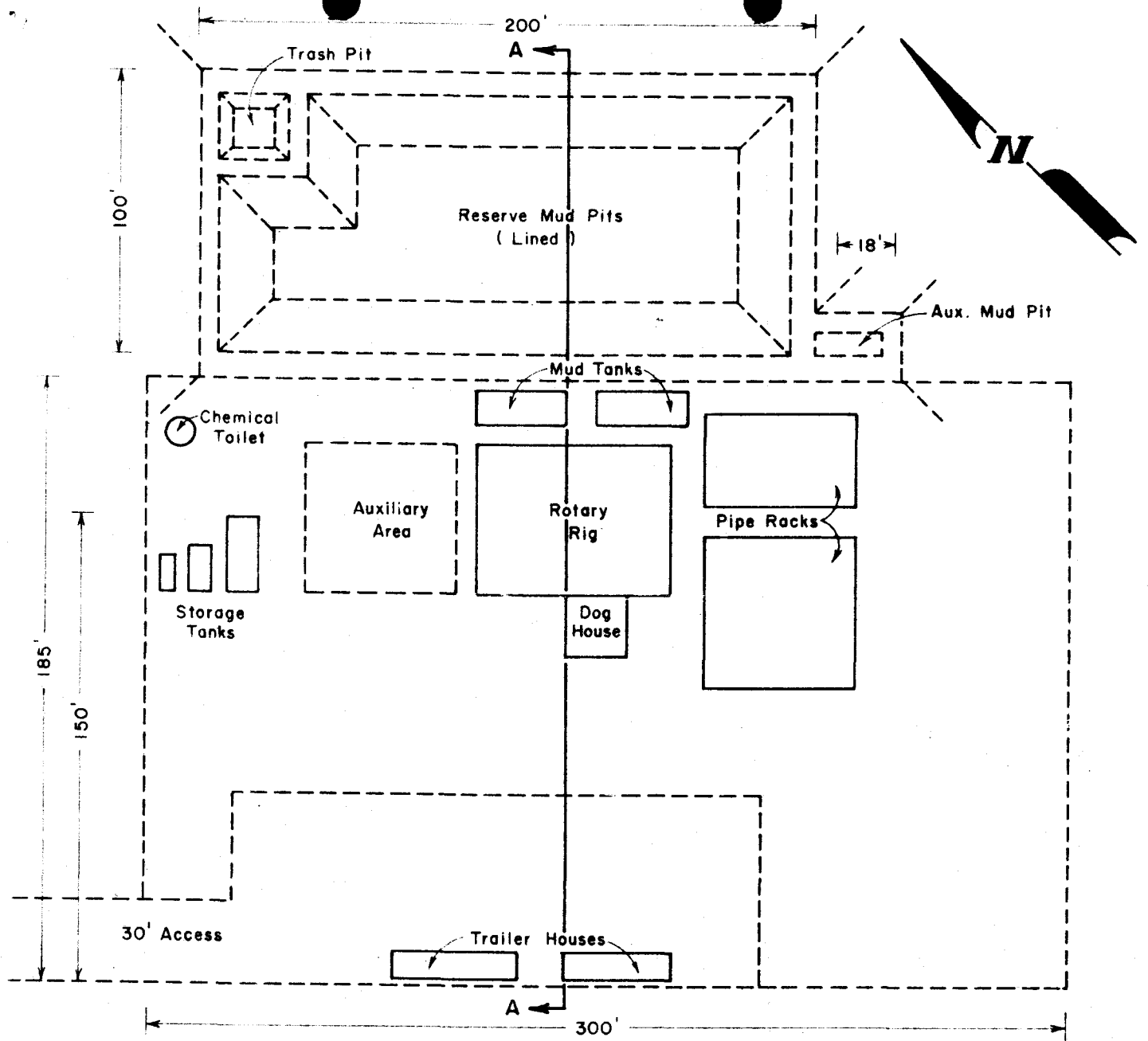
*Charles L. Hill*  
1-27-80

Scale: 1" = 1000'



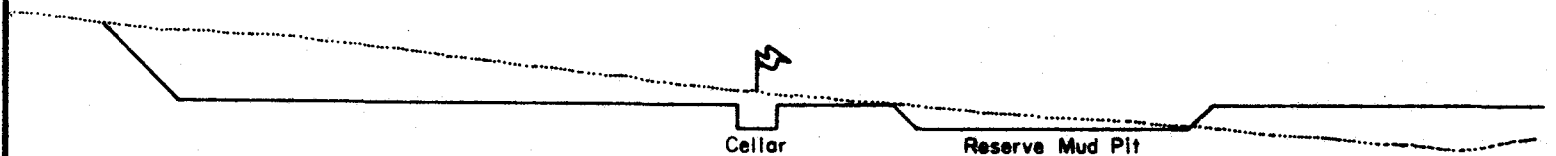
- ⊙ Location
- Well
- ⊕ Injector









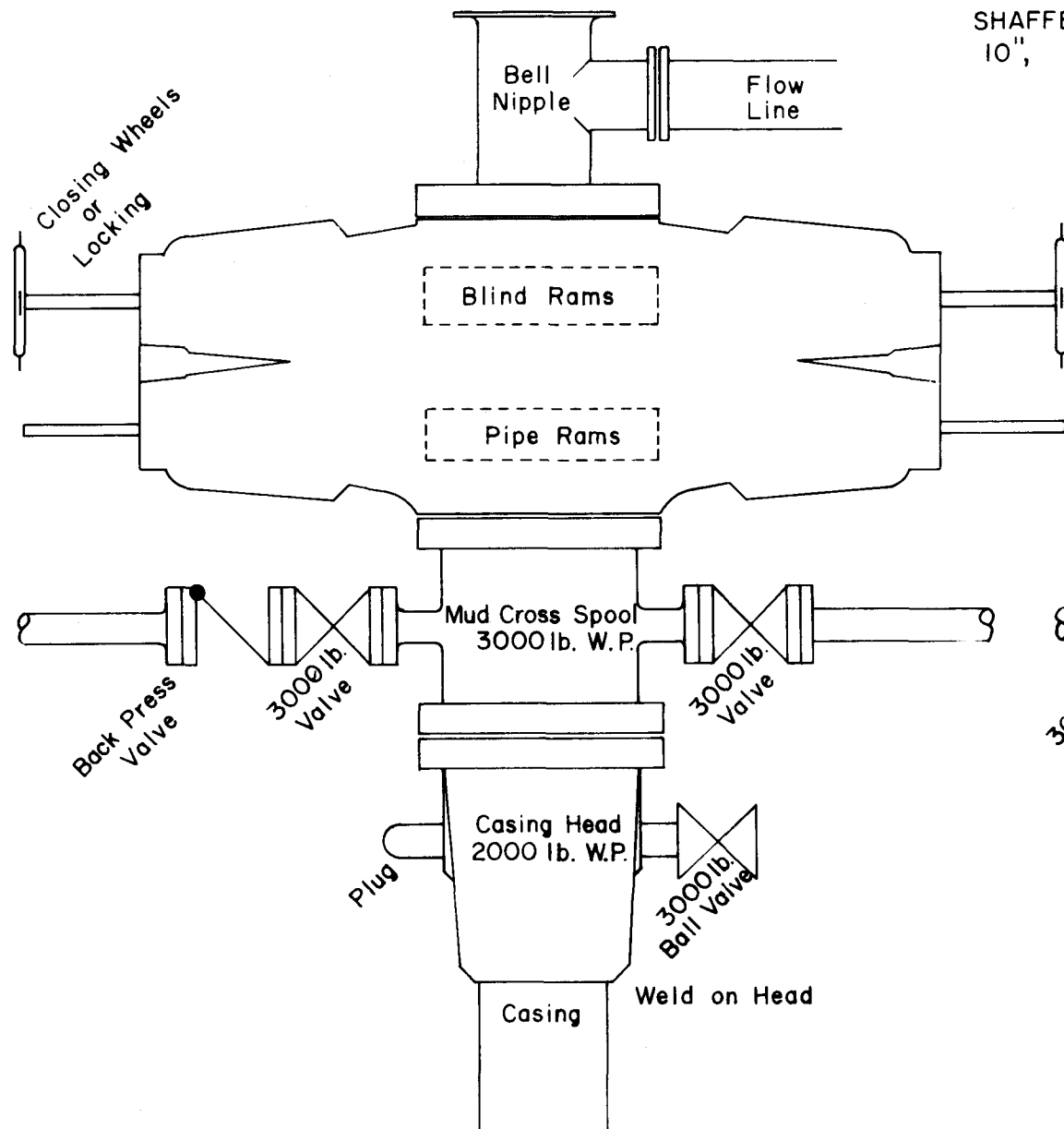
*The Drilling Pad will be graded and compacted, and composed of native materials.*

**PROPOSED WELL SITE  
S. P. 27-32  
Original Elev. 4968.9**

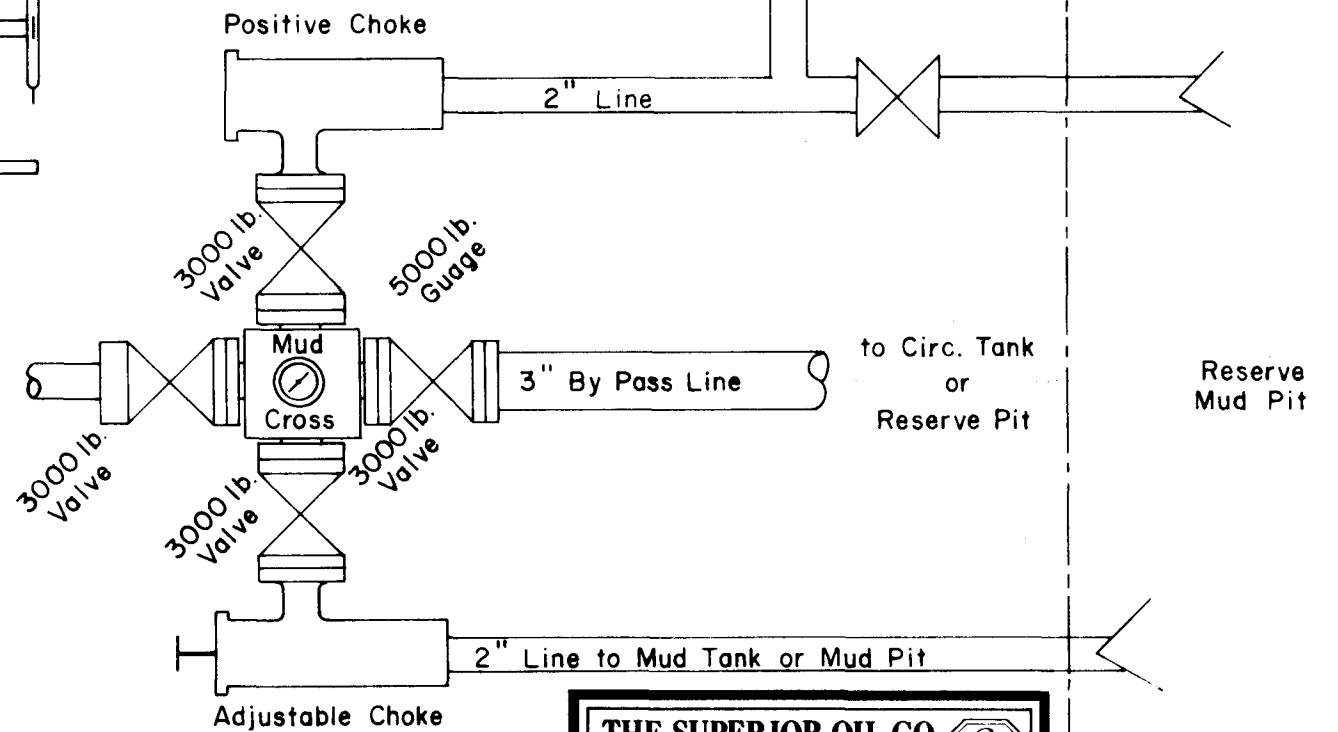


Original Contour   
Reference Point   
Graded Proposal 

<b>THE SUPERIOR OIL CO.</b>		
CORTAZ CASPER DISTRICT ENGINEERING DEPARTMENT		
<b>RIG LAYOUT &amp; DRILL PAD CROSS SECTION</b>		
Well No. S. P. 27-32		
Sec. 27, T. 41 S.-R. 26 E.		
San Juan County, Utah		
BY JEG	DATE 1/29/80	
SCALE 1" = 50'	REVISED	



SHAFFER DOUBLE GATE BLOW OUT PREVENTER  
10", 3000 lb. W.P., 6000 lb. Test, Type E



**THE SUPERIOR OIL CO.**  
CORTEZ - CASPER DISTRICT  
ENGINEERING DEPARTMENT



**SCHEMATIC DIAGRAM  
OF PRESSURE CONTROL  
EQUIPMENT**

BY JEG  
SCALE NONE

DATE 6/25/79  
REVISED



February 22, 1980

The Superior Oil Company  
P.O. Drawer "G"  
Cortez, Colorado 81321

Re: Well No. Sentinel Peak #27-32  
Sec. 27, T. 41S, R. 26E.,  
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Geological Engineer  
Office: 533-5771  
Home: 876-3001

1 Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30537.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Geological Engineer

/b:tm

cc: USGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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## 1a. TYPE OF WORK

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WELL ☐

OTHER

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ZONE ☐MULTIPLE  
ZONE ☐

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At proposed prod. zone

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## 19. PROPOSED DEPTH

## 20. ROTARY OR CABLE TOOLS

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

## 22. APPROX. DATE WORK WILL START\*

12-2-80

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48# H-40	100'	100 sx
12-1/4"	9-5/8"	36# K-55	3100'	1100 sx
8-3/4"	7"	29#, 26# H-80, L-80	7420'	500 sx
6"	4-1/2"	12.5# N-80	8000'	70 sx

1. Drill 17-1/2" hole to 100'. Set 13-3/8" casing to 100' and cement to surface w/100 sx.
2. Drill 12-1/4" hole to 3100'. Set 9-5/8" casing to 3100' and cement to surface w/1100 sx. NU BOP.
3. Drill 8-3/4" hole to 7420', 200' into top of the Mississippian formation. Set 7" casing to 7420' and cement w/500 sx.
4. Log well.
5. Drill 6" hole to 8000'. Run 4-1/2" liner and cement w/70 sx.
6. Complete and stimulate in Desert Creek and/or Ismay based on log evaluation.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*Henry W. Haven*  
H. W. Haven

TITLE

Prod. Geologist

DATE

Dec. 8, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐  
well well well  
2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY  
3. ADDRESS OF OPERATOR  
P.O. DRAWER 'G', CORTEZ, COLORADO 81321  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:  
TEST WATER SHUT-OFF ☐ ☐  
FRACTURE TREAT ☐ ☐  
SHOOT OR ACIDIZE ☐ ☐  
REPAIR WELL ☐ ☐  
PULL OR ALTER CASING ☐ ☐  
MULTIPLE COMPLETE ☐ ☐  
CHANGE ZONES ☐ ☐  
ABANDON\* ☐ ☐  
(other) Amend 9-331-C Permit to Drill

5. LEASE  
N00-C-14-20-5118  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
SENTINEL PEAK  
9. WELL NO.  
#27-32  
10. FIELD OR WILDCAT NAME  
WILDCAT  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 27, T41S, R26E, SLM  
12. COUNTY OR PARISH  
SAN JUAN  
13. STATE  
UTAH  
14. API NO.  
43-037-30537  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4967' Graded G.L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The enclosed APD (9-331-C) is an amended procedure for the drilling program on subject well. All information on the original APD (submitted 1-29-80) will remain unchanged that is not shown on this amended APD. Thank your for your cooperation in this matter.

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING  
DATE: 12-17-80  
BY: M.Y. Minder

RECEIVED

DEC 11 1980

DIVISION OF  
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED H. W. Haven TITLE Prod. Geologist DATE Dec. 8, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

HH/1h Orig + 3 - USGS, State - 2, Navajo Tribe, Duncan Oil C.D. Johnson, Reg. Group - Woodlands  
Central File, Houston, Woodlands, Cortez

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

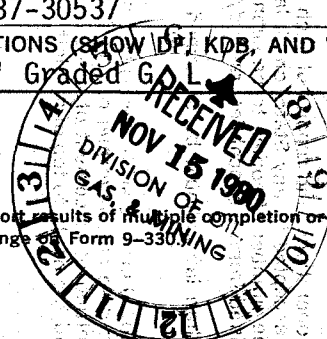
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐ CO<sub>2</sub>  
2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY  
3. ADDRESS OF OPERATOR  
P.O. DRAWER 'G', CORTEZ, COLORADO 81321  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 3570' FWL, 2030' FNL Sec. 27  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same  
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

5. LEASE  
N00-C-14-20-5118  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
SENTINEL PEAK  
9. WELL NO.  
#27-32  
10. FIELD OR WILDCAT NAME  
WILDCAT  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 27, T41S, R26E, SLM  
12. COUNTY OR PARISH  
SAN JUAN  
13. STATE  
UTAH  
14. API NO.  
43-037-30537  
15. ELEVATIONS (SHOW DP, KDB, AND WD)  
4967' Graded G.L.

(NOTE: Report results of multiple completion or zone change on Form 9-330-11G)



17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- Spudded in at 2:30 P.M. 12-2-80. Drilled 18" hole to 100'.
- Ran 13-3/8", 48#, H-40, ST&C conductor casing to 100' from G. L. Cemented w/80 sx B. J. cement Class 'B' w/2% CaCl slurry wt 15.6#.
- 12-8-80: Drilled 12-1/4" hole to 3090' TD. Ran 77 jts 9-5/8" csg, 36#, K-55; ST&C Range 2 & 3 w/David Lynch float shoe & collar. Ran 500 gal mud sweep ahead of cement. Cemented w/850 sx B. J. Lite wt cement w/6% gel, 10#/sk Gilsonite w/2% CaCl slurry wt 12.8#. Tailed out w/250 sx of Class 'B' cement w/2% CaCl slurry wt 15.6#. Max pump'g press 1000# at 7 BPM rate. Bump plug of fresh water at 1500#. Held OK. Circ good cement to surface. Annulus stayed full. WOC 8 hrs. Cut off 13-3/8" csg & welded on 1/2" plate to 9-5/8" csg. Installed 10" X 3000# 9-5/8" welded on csg head. Tested 350#. Held OK. NU 10" X 5000# Shaffer LWS BOP. Tested to 3000#. Held OK. Drilling ahead.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED H. W. Haven TITLE Prod. Geologist DATE Dec. 11, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Orig + 3, USGS, State - 2, Navajo Tribe, Duncan Oil, C.D. Johnson, Reg Group  
Central Files - H, W. C.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other CO<sub>2</sub>
2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY
3. ADDRESS OF OPERATOR  
P.O.DRAWER 'G', CORTEZ, COLORADO 81321
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 3570' FWL, 2030' FNL, Sec. 27  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,  
REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>

(other) Subsequent report

**RECEIVED**  
(NOTE)

JAN 26 1934

# DIVISION OF OIL, GAS & MINING

(NOTE: Report results of multiple completion or zone change on Form 9-330.) -

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. 12-15-80: Drilled 8-3/4" hole to 5801'. Cored 5801-5813'.
2. 12-17-80: Ran GR/CNL/FDC, BHC/GR, DLL/GR. DA.
3. 12-23-80: Drilled to 7190. Ran 178 jts 7" csg, 29#, N-80, LT&C w/Davis Lynch float shoe & collar. Ran 500 gal mud sweep ahead of cement. Cemented w/500 sx class 'B' cement of B. J. Lite with 18% salt. Max pumping press 2000# at 7-1/2 BPM rate. Bump plug w/2600# fresh water. Good returns thru job. WOC. DA.
4. 12-29-80: Drilled 6" hole to 7460'. Ran GR/CNL/FDC, SP DIL, BHC/GR. Ran 17 jts 4-1/2" liner 12.75# N-80 w/Davis float shoe and collar to 7460'. Top liner at 6977'. Cemented w/75 sx B. J. Lite Class 'B' cement w/ 3/4% D31. Slurry wt. 15.6# max press 1000# at 6 BPM rate. Bump plug w/3000# fresh water. WOC.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Henry W. Haven TITLE Prod. Geologist DATE Jan 20, 1981  
H. W. Haven

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

Orig + 5 -USGS, State - 2, Navajo Tribe, Duncan Oil, C. D. Johnson, Reg. Group, Central Files  
H. W. C

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☐DEEPEN ☐PLUG BACK ☒

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐OTHER ☐SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

SUPERIOR OIL COMPANY

## 3. ADDRESS OF OPERATOR

P.O. DRAWER 'G', CORTEZ, COLORADO 81321

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface

3570' FWL, 2030' FNL, SEC. 27

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

7.5 Miles E-SE of Aneth, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

933' E

## 16. NO. OF ACRES IN LEASE

546.4

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

3400' NW

## 19. PROPOSED DEPTH

7500

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4969' Ungraded Ground Level

## 22. APPROX. DATE WORK WILL START\*

2-10-81

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
18"	13-3/8"	48#	100'	80 sx
12-1/4"	9-5/8"	36#	3090'	1100 sx
8-3/4"	7"	29#	7190'	500 sx
6"	4-1/2"	12.75#	7460'	75 sx

The well was originally drilled to 7460' and a 4-1/2" liner cemented from 7460-6977' with 75 sacks cement. The Mississippian formation was perforated from 7270-7276' and 7290-7310' and acidized with 4000 gals of 28% HCL. The well produced 700 BWPD with a trace of CO<sub>2</sub> on artificial lift. We wish to plug the Mississippian and recomplete in the Lower Ismay from 5788-5823' and stimulate if necessary for oil production using the following procedure:

1. Set CIBP at 7250'. Spot a 38 sx Class 'B' neat cement plug from 7250 to 6877'. Spot 250 gal 10% acetic acid from 5860 to 5700'.
2. Perforate the Lower Ismay 5788-5823' and acidize w/ 4000 gals 28% HCL if necessary.
3. Swab or flow well to clean up then test.
4. Run production equipment.

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING  
DATE: 2-10-81

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on existing productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on surface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

Scott McGraw

TITLE

Petroleum Engineer

DATE

2-2-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. N00-C-14-20-5118	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
2. NAME OF OPERATOR SUPERIOR OIL COMPANY		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. DRAWER 'G', CORTEZ, COLORADO 81321		8. FARM OR LEASE NAME SENTINEL PEAK	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 3570' FWL, 2030' FNL, Sec. 27 At top prod. interval reported below Same At total depth Same		9. WELL NO. WILDCAT	
14. PERMIT NO. 43-037-30537		DATE ISSUED 2-22-1980	
15. DATE SPUDDED 12-2-80		16. DATE T.D. REACHED 1-1-81	
17. DATE COMPL. (Ready to prod.) 3-2-81		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4969' Ungraded G. L.	
19. ELEV. CASINGHEAD 4969'		20. TOTAL DEPTH, MD & TVD 7460'	
21. PLUG, BACK T.D., MD & TVD 5900'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY → 0' - 7460'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5787-5822 (Lower Ismay)	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN DL/DI/SFL, BCSL/GR, CBL/CCL/GR, CN/FDL	
27. WAS WELL CORDED Yes		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number) 5787-98', 5801-22'		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 7270-7310' 5942-46' AMOUNT AND KIND OF MATERIAL USED Acidized w/92 bbls 28% HCL, spotted 38 sx Class 'B' cmt. Acidized w/28% HCL, dumped 1/2 bbl cmt on CIBP	
33.* PRODUCTION 5787-5822' Acidized w/28% HCL (96 BBL)		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flaring	
DATE FIRST PRODUCTION 2-22-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing		35. LIST OF ATTACHMENTS	
DATE OF TEST 3-6-81		HOURS TESTED 14	
CHOKE SIZE 20/64"		PROD'N. FOR TEST PERIOD →	
OIL—BBL. 322		GAS—MCF. 247	
WATER—BBL. 81		GAS-OIL RATIO 766 SCF/bbl	
FLOW. TUBING PRESS. 520		CASING PRESSURE packer	
CALCULATED 24-HOUR RATE →		OIL—BBL. 552	
GAS—MCF. 423		WATER—BBL. 138	
OIL GRAVITY-API (CORR.) 42		TEST WITNESSED BY T. O. Berry	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED T. G. Merriam TITLE Petroleum Engineer DATE March 10, 1981	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Orig + 5 - USGS, (Farmg.), State - 2, Reg. Group, Central Files - H,W,C



# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments, items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Lower Ismay	5787'	5824'	Limestone, Dolomite	Hermosa	4795'	
Desert Creek	5940'	5946'	Limestone, Dolomite	Ismay	5683'	
Mississippian	7270'	7384'	Limestone	Lower Ismay	5775'	
				Gothic Shale	5830'	
				Desert Creek	5878'	
				Chimney Rock	5971'	
				1st Salt	6010'	
				Base Salt	6690'	
				Molas	6950'	
				Mississippian	7104'	
Cored Interval 5801'						



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR  
P.O. DRAWER 'G', CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 3570' FWL, 2030' FNL, Sec. 27  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:  
TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) Install gas pipeline

SUBSEQUENT

**RECEIVED**  
JUL 21 1981  
DIVISION OF  
OIL, GAS & MINING

5. LEASE  
N00-C-14-20-5118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
SENTINEL PEAK

9. WELL NO.  
#27-32

10. FIELD OR WILDCAT NAME  
WILDCAT

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
SEC. 27, T41S, R26E, SLM

12. COUNTY OR PARISH  
SAN JUAN

13. STATE  
UTAH

14. API NO.  
43-037-30537

15. ELEVATIONS (SHOW DE KDB AND WD)  
4967' Graded G.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. 7-13-81: Completed installation of gas pipeline from subject well to El Paso's gas line. Commenced production.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg Merrion TITLE Petroleum Engineer DATE 7-16-81

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

USGS - 5, State - 2, Reg. Group, Central Files H, W, C

FILE IN QUADRUPLICATE  
FORM OGC-8-X

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: SENTINEL PEAK #27-32  
Operator: SUPERIOR OIL COMPANY Address: P.O. DRAWER "G", CORTEZ, COLO. 81321  
Contractor: BAYLESS DRILLING CO. Address: 216 S. Hill, FARMINGTON, N.MEX. 87401  
Location SW 1/4 NE 1/4; Sec. 27 T. 41 N. R. 26 E; SAN JUAN, UTAH County S XX

Water Sands:

<u>Depth:</u>		<u>Volume:</u>	<u>Quality:</u>
From-	To-	Flow Rate or Head	Fresh or Salty
1.	<u>No water encountered before setting surface casing at 3090'</u>		
2.	<u></u>		
3.	<u></u>		
4.	<u></u>		
5.	<u></u>		

(Continue on Reverse Side if Necessary)

Formation Tops:

CHINLE 1570'

Remarks:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.  
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.  
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 19, 1982

Superior Oil Company  
P. O. Drawer "G"  
Cortez, Colorado 81321

Re: Well No. McElmo Creek Unit #P-22  
Sec. 17, T. 41S, R. 25E  
San Juan County, Utah

Well No. Sentinel Peak #27-32  
Sec. 27, T. 41S, R. 26E  
San Juan County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office October 29, 1981 & March 10, 1981, from above referred to wells, indicates the following electric logs were run: #P-22, GR-CNL-FDC, SP-GR-DIL, GR-CBL-VDL-CCL-- #27-32, DL/DI/SFL, BCSL/GR, CBL/CCL/GR, CN/FDL. As of today's date, this office has not received these logs: #P-22, GR-CBL-VDL-CCL-- #27-32, CBL/CCL/GR.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

**SUPERIOR OIL**

March 25, 1982

P  
**RECEIVED**  
MAR 30 1982

Minerals Management Service  
P.O. Box 600  
Farmington, New Mexico 87401

**DIVISION OF  
OIL, GAS & MINING**

ATTN: MR. JAMES SIMS

RE: McElmo Creek Unit R-12  
SW SW Sec. 33-40S-25E  
San Juan County, Utah

Sentinel Peak 27-21  
NE NW Sec. 27-41S-26E  
San Juan County, Utah

Navajo Tribal 34-33  
NW SE Sec. 34-41S-25E  
San Juan County, Utah

Gentlemen:

Attached are two sets of the logs run on the above wells. We sincerely regret the delay in submitting these logs, however, we had an inter-Company breakdown in communications as to who was distributing the logs. This problem has now been corrected and you should receive all future logs in a timely manner.

We appreciate your cooperation.

Very truly yours,

The Superior Oil Company

*G. Bannantine*

G. Bannantine  
Regulatory Group Manager

RLH/dj

Enclosures

BCC: State of Utah (2)  
Oil & Gas Conservation Com.  
1588 West North Temple  
Salt Lake City, Utah 84116

Navajo Tribe (1)  
Minerals Division  
P.O. Box 146  
Window Rock, Arizona 86515

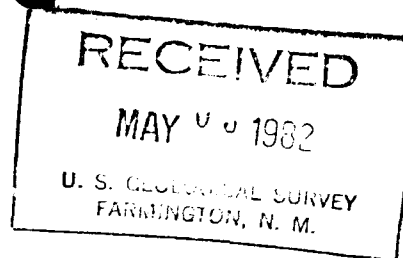
MCU R-12 Only (1)

Exxon Company, USA  
P.O. Box 1600  
Midland, Texas 79701  
ATTN: MR. J.M. SHEPHERD

Texaco, Inc.  
P.O. Box 2100  
Denver, Colorado 80201  
ATTN: MR. J.C. WHITE

**SUPERIOR OIL**

April 30, 1982



MINERALS MANAGEMENT SERVICE  
ATTN: JOHN KELLER  
P.O. BOX 600  
FARMINGTON, NEW MEXICO 87401

*N00-C-14-20-5118 40CC*

Dear Sir;


The enclosed drawings reflect recent changes made to the void meter location on our L.A.C.T. unit at Sentinel Peak Tank Battery.

The sales meter was not disturbed and is still (downstream of the void meter) in its original location.

If you should have any questions, please contact us at your convenience.

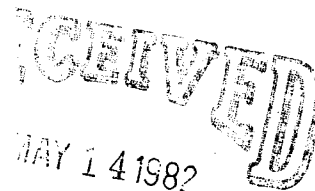
Very truly yours,

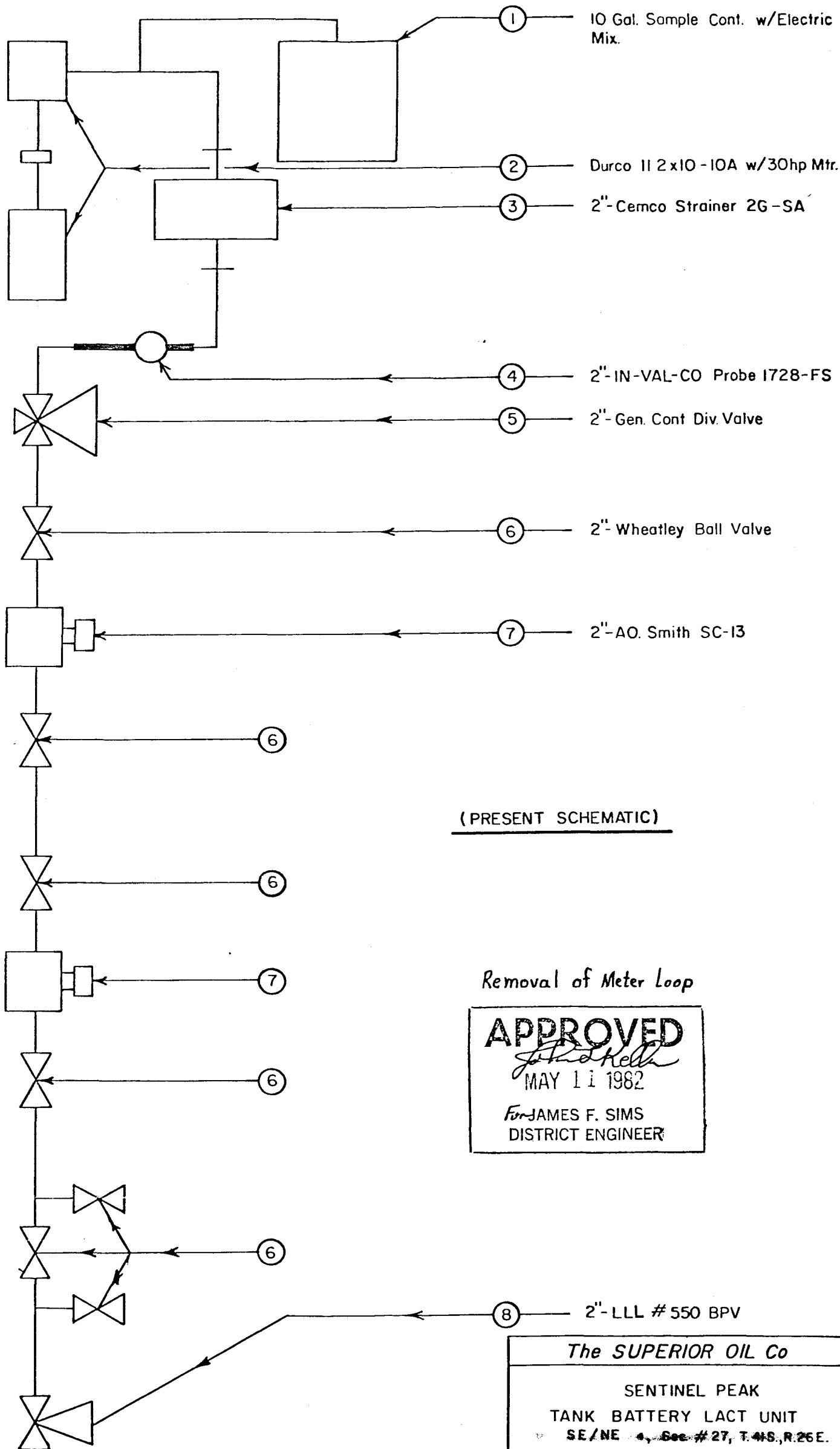
SUPERIOR OIL

  
K. R. JOHNSON  
Subarea Supervisor

KRJ/dlb

enclosures





**APPROVED**

*James F. Sims*  
MAY 11 1982

For JAMES F. SIMS  
DISTRICT ENGINEER

The SUPERIOR OIL Co

SENTINEL PEAK  
TANK BATTERY LACT UNIT  
SE/NE 4, Sec. # 27, T. 41S, R. 26E.  
San Juan County, Utah

By: DEH

Date: 4-30-82

# Mobil Oil Corporation

P.O. BOX 5444  
DENVER, COLORADO 80217

January 14, 1985

Utah Division of Oil, Gas and Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Ms. Dianne Nielson, Director

RECEIVED

FEB 0

DIVISION OF OIL  
GAS & MINING

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

As a result of the merger which became effective on September 28, 1984, The Superior Oil Companies ("Superior") is now a wholly owned subsidiary of Mobil Corporation.

Effective January 1, 1985, Mobil Oil Corporation began acting on behalf of the Superior Oil Companies as service contractor for the purpose of performing comprehensive business management and related administrative services. To this end, Superior has entered into a Services Agreement with Mobil and has issued Powers of Attorney to certain Mobil employees, whereby Mobil has agreed to perform all of Superior's obligations and duties, and shall be entitled to enforce all of Superior's rights and privileges, including but not limited to all applicable Operating Agreements and leases (see attached). This shall include, without limitation, the making and receiving of payments, the giving and receiving of notices and other information, and the performance of all other related functions. Therefore, after December 31, 1984, notices to Superior or relative to its interests, assets or obligations should designate Mobil and be mailed to:

Mobil Oil Corporation  
P.O. Box 5444  
Denver, Colorado 80217-5444  
Attention: R. D. Baker

(303) 298-2577

PERMITS ONLY

RON

Enclosed is a list of all Superior wells. This list includes the well names, locations, API numbers and producing zone (if applicable).

We appreciate your consideration and cooperation. If you have any questions, please direct them to the undersigned.

Very truly yours,

*R. D. Baker*

R. D. Baker  
Environmental & Regulatory Manager - West

Enclosure



WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)  
FOR THE CORTEZ SUPERVISOR AREA  
FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TOWNSHIP	RNG	WELL TYPE	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
WHITE MESA	10-32	SAN JUAN	UT	SW	NE	10-42S-24E	✓ PROD SI	43-037-15372	14-20-603-410		96-004193
	16-41	SAN JUAN	UT	NE	NE	10-42S-24E	✓ PROD SI	43-037-16450	14-20-603-410		96-004193
	22-23	SAN JUAN	UT	NE	SW	22-42S-24E	✓ PROD SI	43-037-16438	14-20-603-355A		96-004193
	22-32	SAN JUAN	UT	SW	NE	22-41S-24E	✓ PROD SI	43-037-15759	14-20-603-355A		96-004193
	22-34	SAN JUAN	UT	SE	NW	22-41S-24E	✓ PROD OP	43-037-15761	14-20-603-355A		96-004193
	22-42	SAN JUAN	UT	SW	SE	22-41S-24E	✓ PROD SI	43-037-16437	14-20-603-355A		96-004193
	22-43	SAN JUAN	UT	NE	SE	22-41S-24E	✓ PROD OP	43-037-15760	14-20-603-355A		96-004193
	23-12	SAN JUAN	UT	SW	NW	23-41S-24E	✓ PROD OP	43-037-16002	14-20-603-370B		96-004193
	23-14	SAN JUAN	UT	SW	SW	23-41S-24E	✓ PROD OP	43-037-16006	14-20-603-370B		96-004193
	23-21	SAN JUAN	UT	NE	NW	23-41S-24E	✓ PROD OP	43-037-16000	14-20-603-370B		96-004193
	23-23	SAN JUAN	UT	NE	SW	23-41S-24E	✓ PROD SI	43-037-16005	14-20-603-370B		96-004193
	23-32	SAN JUAN	UT	SW	NE	23-41S-24E	✓ PROD SI	43-037-16003	14-20-603-370B		96-004193
	23-33	SAN JUAN	UT	NW	SE	23-41S-24E	✓ PROD SI	43-037-16004	14-20-603-370B		96-004193
	23-41	SAN JUAN	UT	NE	NE	23-41S-24E	✓ PROD SI	43-037-16001	14-20-603-370B		96-004193
	23-42	SAN JUAN	UT	SE	NE	23-41S-24E	✓ PROD OP	43-037-31043	14-20-603-370B		96-004193
	25-14	SAN JUAN	UT	SW	SW	25-41S-24E	✓ PROD OP	43-037-15525	14-20-603-258		96-004193
	27-12	SAN JUAN	UT	SW	NW	27-41S-24E	✓ PROD SI	43-037-15345	14-20-603-409		96-004193
	27-21	SAN JUAN	UT	NE	NW	27-41S-24E	✓ PROD OP	43-037-16254	14-20-603-409A		96-004193
	27-22	SAN JUAN	UT	SE	NW	27-41S-24E	✓ PROD OP	43-037-31064	14-20-603-409A		96-004193
	27-23	SAN JUAN	UT	NE	SW	27-41S-24E	✓ PROD OP	43-037-15348	14-20-603-409		96-004193
	27-32	SAN JUAN	UT	SW	SE	27-41S-24E	✓ PROD SI	43-037-15346	14-20-603-409		96-004193
	27-34	SAN JUAN	UT	SW	SE	27-41S-24E	✓ PROD OP	43-037-16255	14-20-603-409A		96-004193
	27-43	SAN JUAN	UT	NE	SE	27-41S-24E	✓ PROD OP	43-037-15347	14-20-603-409		96-004193
	28-23	SAN JUAN	UT	NE	SW	28-41S-24E	✓ PROD SI	43-037-10244	14-20-603-409		96-004193
	28-34	SAN JUAN	UT	SW	SE	28-41S-24E	✓ PROD SI	43-037-16441	14-20-603-409		96-004193
	28-41	SAN JUAN	UT	NE	NE	28-41S-24E	✓ PROD OP	43-037-16440	14-20-603-409		96-004193
	28-43	SAN JUAN	UT	NE	SE	28-41S-24E	✓ PROD SI	43-037-15349	14-20-603-409		96-004193
	32-23	SAN JUAN	UT	NE	SW	32-41S-24E	✓ PROD OP	43-037-15357	14-20-603-407		96-004193
	32-34	SAN JUAN	UT	SW	SE	32-41S-24E	✓ PROD OP	43-037-15358	14-20-603-407		96-004193
	33-21	SAN JUAN	UT	SW	SE	33-41S-24E	✓ PROD OP	43-037-15351	14-20-603-409		96-004193

ADD HX  
+ ✓ STATUS  
PUT POW

# Mobil Oil Corporation

P.O. BOX 5444  
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RECEIVED  
MAY 16 1986

DIVISION OF  
OIL, GAS & MINING

Attn: R. J. Firth  
Associate Director

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



CNE/rd  
CNE8661

R. D. Baker  
Environmental Regulatory Manager

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well (X) Gas Well Other

2. Name Of Operator

Mobil Oil Corporation

3. Address Of Operator

P. O. Box 5444, Denver, CO 80217-5444

4. Location Of Well

2030 FNL, 3750 FWL Sec. 27, T41S, R26E SLM

RECEIVED  
JUL 1 1988

DIVISION OF  
OIL, GAS & MINING

5. Lease Designation And Serial No  
NDD-C-14-20-5118

6. Indian, Allottee Tribe Name  
NAVAJO

7. Unit Agreement Name

8. Farm Or Lease Name

Sentinel Peak

9. Well No.

27-32

10. Field And Pool, Or Wildcat  
Sentinel Peak

11. Sec., T., R.,

Sec 27, T41S, R26E SLM

12. County

San Juan

13. State

Utah

14. Permit No.

43-037-30537

15. Elevation

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

Notice Of Intention To :

Subsequent Report Of :

Test Water Shut-off : Pull Or Alter Casing

Water Shut-off : Repairing Well

Fracture Treat : Multiple Complete

Fracture Treatment : Altering Casing

Shoot Or Acidize : Abandon

Shooting Or Acidizing : Abandonment

Repair Well : Change Plans

(Other) SALE OF PROPERTY

(Other)

17. Describe Proposed Or Completed Operations

Effective May 1, 1988 this lease, including the reference well was sold to:

Pioneer Oil & Gas  
6925 Union Park Center  
Suite 145  
Midvale, Utah 84047

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2- MICROFILM	✓
3- FILE	

18. I hereby certify that the foregoing is true and correct

Signed D.R. Maynard

Title Mgr., Regulatory Compliance Date June 28, 1988

Approved By

Title

Date

Conditions Of Approval If Any:

\* Changes made 9-26-90

Routing:

1-	LCR	✓
2-	DTS	✓
3-	VLC	✓
4-	RJF	✓
5-	RWM	✓
7-	LCR	✓

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-90)

TO (new operator)	GIANT EXPLOR. & PROD. CO.	FROM (former operator)	PIONEER OIL AND GAS
(address)	P. O. BOX 2810	(address)	6925 UNION PARK CTR. #145
	FARMINGTON, NM 87499		MIDVALE, UT 84047
	phone (505 ) 326-3325		phone (801 ) 566-3000
	account no. N 0075		account no. N 3025

Well(s) (attach additional page if needed):

Name: <del>SENTINEL PEAK 22-34</del> (JSMY)	API: 4303730748	Entity: 00546	Sec 22 Twp 41S Rng 26E	Lease Type: INDIAN
Name: <del>MCCELMO CR Q-29</del> (DSCR)	API: 4303715524	Entity: 05995	Sec 29 Twp 41S Rng 25E	Lease Type: INDIAN
Name: <del>NAVAJO TR 125 #1</del> (DSCR)	API: 4303715541	Entity: 05990	Sec 21 Twp 41S Rng 25E	Lease Type: INDIAN
Name: <del>NAVAJO TRE 125 #2</del> (DSCR)	API: 4303715542	Entity: 05990	Sec 28 Twp 41S Rng 25E	Lease Type: INDIAN
Name: <del>NAVAJO TR 125 #4</del> (DSCR)	API: 4303715543	Entity: 05990	Sec 28 Twp 41S Rng 25E	Lease Type: INDIAN
Name: <del>SENTINEL PEAK #27-14</del> (JSMY)	API: 4303720292	Entity: 99991	Sec 27 Twp 41S Rng 26E	Lease Type: INDIAN
Name: <del>SENTINEL PEAK 27-21</del> (JSMY)	API: 4303730747	Entity: 06020	Sec 27 Twp 41S Rng 26E	Lease Type: INDIAN

CONTINUED-----

# OPERATOR CHANGE DOCUMENTATION

- 1 (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- 1 (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_.
- 1 (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 1 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- 1 6. Cardex file has been updated for each well listed above.
- 1 7. Well file labels have been updated for each well listed above.
- 1 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- 1 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) NO (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

## RECORDING

1. All attachments to this form have been microfilmed. Date: October 9 1990.

## INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## REMARKS

8-20-90 Earl Beecher / Btm Farmington Nm - No documentation as of yet.

8-29-90 Earl Beecher - Informed me that these wells are under the jurisdiction of EPA.

(2 wells - 43-037-30511 (W1W) and 43-037-31144 (W1W) are still listed under MEPNA)

00926 Per DTS i. MEPNA telephone verification (see phone doc.) ok to change (2) wells listed above!

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

1-
2-
3-
4-
5-
6-

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-90)

TO (new operator)	<u>GIANT EXPLOR. &amp; PROD. CO.</u>	FROM (former operator)	<u>PIONEER OIL AND GAS</u>
(address)	<u></u>	(address)	<u></u>
	<u></u>		<u></u>
	<u></u>		<u></u>
	phone ( <u>    </u> )		phone ( <u>    </u> )
	account no. <u>N 0075</u>		account no. <u>N3025</u>

Well(s) (attach additional page if needed):

CONTINUED-----

Name: <u>SENTINEL PEAK 27-32 (ISm)</u>	API: <u>4303730537</u>	Entity: <u>06025</u>	Sec <u>27</u> Twp <u>41S</u> Rng <u>26E</u>	Lease Type: <u>INDIAN</u>
Name: <u>SENTINEL PEAK 27-33 (ISm)</u>	API: <u>4303731029</u>	Entity: <u>06025</u>	Sec <u>27</u> Twp <u>41S</u> Rng <u>26E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOthic MESA 6-23 (DSCP)</u>	API: <u>4303715039</u>	Entity: <u>06008</u>	Sec <u>6</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOthic MESA 6-34 (DSCP)</u>	API: <u>4303715034</u>	Entity: <u>06008</u>	Sec <u>6</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOthic MESA 7-21 (DSCP)</u>	API: <u>4303715036</u>	Entity: <u>06008</u>	Sec <u>7</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOthic MESA 7-41 (DSCP)</u>	API: <u>4303715032</u>	Entity: <u>06008</u>	Sec <u>7</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOthic MESA 8-12 (DSCP)</u>	API: <u>4303715035</u>	Entity: <u>06008</u>	Sec <u>8</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>

CONTINUED-----

OPERATOR CHANGE DOCUMENTATION

- ☐ 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- ☐ 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- ☐ 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no)      If yes, show company file number:     .
- ☐ 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- ☐ 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- ☐ 6. Cardex file has been updated for each well listed above.
- ☐ 7. Well file labels have been updated for each well listed above.
- ☐ 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- ☐ 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

1-
2-
3-
4-
5-
6-

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-90)

TO (new operator)	<u>GIANT EXPLOR. &amp; PROD. CO.</u>	FROM (former operator)	<u>PIONEER OIL AND GAS</u>
(address)	_____	(address)	_____
	_____		_____
	_____		_____
	phone ( )		phone ( )
	account no. <u>N 0075</u>		account no. <u>N 3025</u>

Well(s) (attach additional page if needed):

CONTINUED-----

Name: <u>✓</u> <u>GOthic MESA 8-33</u> ( <u>DSOP</u> )	API: <u>4303715037</u>	Entity: <u>06008</u>	Sec <u>8</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>✓</u> <u>GOthic MESA 8-42</u> ( <u>DSOP</u> )	API: <u>4303715033</u>	Entity: <u>06008</u>	Sec <u>8</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>✓</u> <u>GOthic MESA 9-13</u> ( <u>DSOP</u> )	API: <u>4303715041</u>	Entity: <u>06008</u>	Sec <u>9</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>✓</u> <u>NAVAJO 67-4 (9-24)</u> ( <u>DSOP</u> )	API: <u>4303716452</u>	Entity: <u>99990</u>	Sec <u>9</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>✓</u> <u>GOthic MESA 16-11</u> ( <u>DSOP</u> )	API: <u>4303715042</u>	Entity: <u>06008</u>	Sec <u>16</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>✓</u> <u>GOthic MESA UNIT 16-13A</u>	API: <u>4303731454</u> ( <u>new</u> )	Entity: <u>06008</u>	Sec <u>16</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>✓</u> <u>GOthic MESA 16-22</u> ( <u>DSOP</u> )	API: <u>4303715043</u>	Entity: <u>06008</u>	Sec <u>16</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>

CONTINUED-----

OPERATOR CHANGE DOCUMENTATION

- \_\_\_ 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- \_\_\_ 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- \_\_\_ 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_ If yes, show company file number: \_\_\_\_\_.
- \_\_\_ 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- \_\_\_ 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- \_\_\_ 6. Cardex file has been updated for each well listed above.
- \_\_\_ 7. Well file labels have been updated for each well listed above.
- \_\_\_ 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- \_\_\_ 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1-
2-
3-
4-
5-
6-

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-90)

TO (new operator)	GIANT EXPLOR. & PROD. CO.	FROM (former operator)	PIONEER OIL AND GAS
(address)		(address)	
phone ( )		phone ( )	
account no. <u>N 0075</u>		account no. <u>N3025</u>	

Well(s) (attach additional page if needed):

CONTINUED-----

Name: <u>GOTHIC MESA 16-33 (DSCP)</u>	API: <u>4303715044</u>	Entity: <u>06008</u>	Sec <u>16</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 16-44 (DSCP)</u>	API: <u>4303716453</u>	Entity: <u>06008</u>	Sec <u>16</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 17-31 (DSCP)</u>	API: <u>4303715040</u>	Entity: <u>06008</u>	Sec <u>17</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: <u>**SENTINEL PK #27-23</u>	API: <u>4303731144</u>	Entity: <u>99990</u>	Sec <u>27</u> Twp <u>41S</u> Rng <u>26E</u>	Lease Type: <u>INDIAN</u>
Name: <u>**MCELMO CR 28-23</u>	API: <u>4303730511</u>	Entity: <u>05980</u>	Sec <u>28</u> Twp <u>41S</u> Rng <u>25E</u>	Lease Type: <u>INDIAN</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
END-----				

**OPERATOR CHANGE DOCUMENTATION**

- \_\_\_ 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- \_\_\_ 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- \_\_\_ 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_ If yes, show company file number: \_\_\_\_\_.
- \_\_\_ 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- \_\_\_ 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- \_\_\_ 6. Cardex file has been updated for each well listed above.
- \_\_\_ 7. Well file labels have been updated for each well listed above.
- \_\_\_ 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- \_\_\_ 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		3. LEASE DESIGNATION AND SERIAL NO. N00-C-14-20-5118	
2. NAME OF OPERATOR Pioneer Oil and Gas		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR 6925 Union Park Center, Suite 145, Midvale, UT 84047		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  See Below		8. FARM OR LEASE NAME Sentinel Peak	
14. PERMIT NO.		9. WELL NO.	
15. ELEVATIONS (Show whether DF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT Sentinel Peak	
		11. SEC. T. R. M., OR BLK. AND SURVEY OR AREA Sec. 27: T41S-R26E	
		12. COUNTY OR PARISH San Juan	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACURE TREAT	<input type="checkbox"/>	FRACURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>		

(Other) Change of Operator ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well Name	Legal Description	Well Type	Status	API Number
No. 27-14	SWSW 27-41S-26E	INJ	P	43-037-20292-
No. 27-21	NWSE 27-41S-26E	P	OP	43-037-30747-
No. 27-23	NESW 27-41S-26E	INJ	SI	43-037-31144
No. 27-32	SWNE 27-41S-26E	P	OP	43-037-30537-
No. 27-33	NWSE 27-41S-26E	P	OP	43-037-31029-

MEPWA-47370

Pioneer Oil and Gas has assigned all its ownership in the subject lease effective August 1, 1990. Pioneer Oil and Gas shall no longer be the operator of the subject properties.

Giant Exploration and Production Company shall therefore be the operator effective August 1, 1990.

Former Operator:  
Pioneer Oil and Gas

New Operator:  
Giant Exploration & Production Company  
PO Box 2810  
Farmington, NM 87499

Signed: Gregg B. Colton  
Gregg B. Colton, Vice President  
Date: July 31, 1990

Signed: Aldrich L. Kuchera  
Title: Aldrich L. Kuchera, President and CEO  
Date: August 13, 1990

18. I hereby certify that the foregoing is true and correct

SIGNED <u>R. Haggie Wilson</u>	TITLE <u>Land Manager</u>	DATE <u>July 31, 1990</u>
--------------------------------	---------------------------	---------------------------

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. N00-C-14-20-5118	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Giant Exploration & Production Company		8. FARM OR LEASE NAME Sentinel Peak	
3. ADDRESS OF OPERATOR P.O. Box 2810, Farmington, N.M. 87499		9. WELL NO. 27-32	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  At proposed prod. zone 3570' FWL, 2030' FNL, Sec. 27, T41S, R26E		10. FIELD AND POOL, OR WILDCAT Sentinel Peak	
		11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 27, T41S, R26E	
14. API NO. 43-037-30537	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4967' GL	12. COUNTY San Juan	13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐  
☐

REPAIRING WELL

ALTERING CASING

FRACTURE TREATMENT

ABANDONMENT\*

SHOOTING OR ACIDIZING

(Other) Status Report

☐  
☐  
☐  
☒

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

APPROX. DATE WORK WILL START

DATE OF COMPLETION

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

## Annual Status Report:

The Sentinel Peak #27-32 is currently shut-in. This well is being evaluated for future use.

RECEIVED

FEB 02 1993

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Jeffrey R. Vaughan

TITLE Engineering Manager

DATE

JAN 28 1993

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side



**GIANT EXPLORATION &  
PRODUCTION COMPANY**

2200 Bloomfield Highway  
Post Office Box 2810  
Farmington, New Mexico  
87499-2810

	FAX
505	505
326-3325	327-7987

January 29, 1993

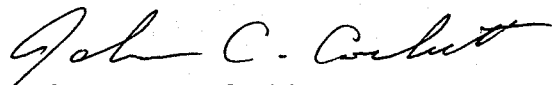
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Mr. Don Staley:

Enclosed are Giant Exploration & Production Company's annual status reports (Sundry Notice Form 9) in response to your memo dated December 4, 1992.

If you have any questions regarding the enclosed sundries please contact me.

Very Truly Yours,

  
John C. Corbett

Enclosures

/pmm

**RECEIVED**

FEB 02 1993

DIVISION OF  
OIL GAS & MINING

## DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

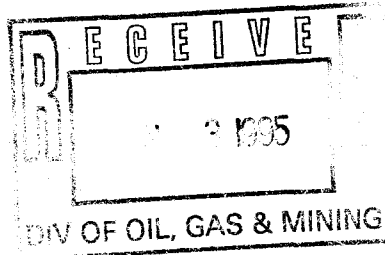
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____		5. Lease Designation and Serial Number: NOO-C-14-20-5118
2. Name of Operator: Giant Exploration & Production Company		6. If Indian, Allottee or Tribe Name: Navajo
3. Address and Telephone Number: P.O. Box 2810, Farmington, New Mexico (505)326-3325		7. Unit Agreement Name:
4. Location of Well Footages: 3570'FWL, 2030' FNL OO, Sec.,T.,R.,M.: Sec. 27, T41S, R26E		8. Well Name and Number: Sentinel Peak Well #27-32
		9. API Well Number: 43-037-30537
		10. Field and Pool, or Wildcat: Sentinel Peak
		County: San Juan State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion <u>12/28/94</u> Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

See Attachment "A".



13.  
Name & Signature: Gregory E. McIntosh Title: Area Engineer Date: JAN 11 1995  
Gregory E. McIntosh

(This space for State use only)

Giant Exploration & Production Company  
Sentinel Peak Well No. 27-32

Attachment "A"

- 12/23/94 Set 68 sack (80.2 cuft) plug to cover Desert Creek and Ismay formations. Tagged top of cement at 5425'.
- 12/27/94 Set 30 sack (35.4 cuft) plug inside casing to cover Hermosa top. Perforated squeeze holes at 3140'. Set cement retainer at 3086'. Pumped 53 sack (62.6 cuft) plug, 37 sacks (43.7 cuft) below retainer and 16 sacks (18.9 cuft) on top of retainer to cover casing shoe.
- 12/28/94 Perforate squeeze holes at 1624'. Set cement retainer at 1559'. Pumped 57 sack (67.3 cuft) plug, 41 sacks (48.4 cuft) below retainer and 16 sacks (18.9 cuft) on top of retainer to cover Chinle top. Top of cement 1471'. Perforated squeeze holes at 100'. Pumped 59 sacks (69.6 cuft) in casing and through Bradenhead. Cut off wellhead. Filled annulus with 8 sacks (9.4 cuft). Installed dry hole marker with 22 sacks of cement.

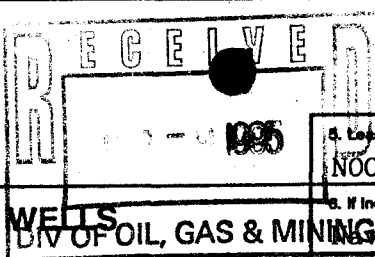
Note: All cement will be Class B cement mixed at 15.6 ppg, 1.18 cuft/sk yield. 8.33 ppg plugging mud was used between cement plugs.

Casing remaining in hole:

Conductor casing: 13-3/8", 48#, H-80 to 100'  
Surface casing: 9-5/8", 36#, K-55 to 3090'  
Intermediate casing: 7", 26# & 29#, L-80 & N-80 to 7190'  
Production liner: 4-1/2", 12.75#, N-80 from 6977' to 7460'

BLM representative: Marlin Deaton

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING



## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Giant Exploration & Production Company

3. Address and Telephone Number:

P.O. Box 2810, Farmington, New Mexico 87499 (505)326-3325

4. Location of Well

Footages: 3570' FWL, 2030' FNL

QQ, Sec., T., R., M.: Sec. 27, T41S, R26E

5. Lease Designation and Serial Number:

N00-C-14-20-5118

6. If Indian, Allottee or Tribe Name:

Nava jo

7. Unit Agreement Name:

8. Well Name and Number:

Sentinel Peak #27-32

9. API Well Number:

43-037-30537

10. Field and Pool, or Wildcat:

Sentinel Peak

County: San Juan

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment *                                | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                               | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Annual Status Report</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Annual Status Report:

The Sentinel Peak #27-32 was plugged and abandoned on 12/28/94.

13.

Name & Signature:

*Gregory E. McIntosh*  
Gregory E. McIntosh

Title: Area Engineer

Date:

MAR 07 1995

(This space for State use only)